

## CLAIMS

1 1. A method of transferring ownership of a volume comprising of a plurality of disks  
2 from a source file server to a destination file server comprising the steps of:  
3 changing ownership of the plurality of disks to an un-owned state from a state of  
4 source file server ownership; and  
5 changing ownership of the plurality of disks to a state of destination file server  
6 ownership from the un-owned state.

1 2. The method of claim 1 wherein the step of changing ownership of the plurality of  
2 disks to an un-owned state further comprises the steps of:  
3 changing a first ownership attribute of the disks to an un-owned state; and  
4 changing a second ownership attribute of the disks to an un-owned state.

1 3. The method of claim 1 wherein the step of changing ownership of the disks to a  
2 destination file server ownership further comprises the steps of:  
3 changing a first ownership attribute of the disks to a destination file server state;  
4 and  
5 changing a second ownership attribute of the disks to a destination file server  
6 state.

1 4. A method for transferring ownership of a volume having a plurality of disks, the  
2 method comprising the steps of:  
3 sending a first message to a source file server;

1        5.        The method of claim 4 wherein the second part of the transfer process further  
2        comprises the steps of:  
3                changing a first ownership attribute of the disks to a destination file server state;  
4        and  
5                changing a second ownership attribute of the disks to a destination file server  
6        state.

18

H:\112\056\0006\PROSECUT\0006.doc 12/21/01 2:39 PM

8 changing the volume to an off-line status in response to the second message not  
9 containing abort information;  
10 performing a first part of a transfer process; and  
11 sending a third message to the destination file server.

1 7. The method of claim 6 wherein the first part of the transfer process further com-  
2 prises the steps of:

3 changing a first ownership attribute of the disks to an un-owned state; and  
4 changing a second ownership attribute of the disks to an un-owned state.

1 8. A method of transferring ownership of a volume having a plurality of disks com-  
2 prising the steps of:

3 writing a first destination log file;  
4 verifying that the plurality of disks can be transferred;  
5 writing a first source log file;  
6 verifying that the volume can be accepted by the destination;  
7 writing a second destination log file;  
8 writing a second source log file  
9 performing a first part of a transfer process;  
10 writing a third source log file;  
11 writing a third destination log file;  
12 performing a second part of the transfer process; and  
13 erasing the previously written logs.

3           writing a first log file;

4           performing a first part of a transfer process;

5           writing a second log file; and

6           performing a second part of a transfer process.

4           in the source file server, moving the disks from a source-owned state to an un-  
5   owned state; and

1 11. The computer-readable medium of claim 10 wherein the step of moving the disks  
2 to an un-owned state further comprises the steps of:

1      12.      The computer-readable medium of claim 10 wherein the step of moving the disks  
2      from an un-owned state to a destination-owned state further comprises the steps of:

3

4

**1**

3

4

1

1

7

2

•